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(54) METHOD FOR PRODUCING PROPYLENE-BASED BLOCK COPOLYMER AND PROPYLENE-BASED BLOCK COPOLYMER

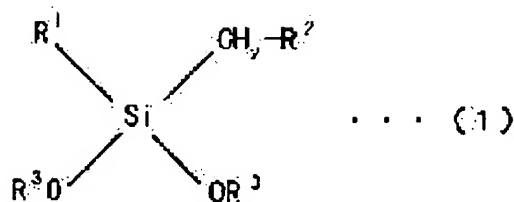
(57)Abstract:

PROBLEM TO BE SOLVED: To provide a method for producing a propylene-based block copolymer by which the molecular weight of the polypropylene component can easily be controlled by little hydrogen and a high-molecular weight ethylene-propylene copolymer component can be formed.

SOLUTION: This propylene-based block copolymer is produced by using a polymerization catalyst for an olefin composed of (A) a preparatory polymerization catalyst ingredient prepared by bringing olefins into contact in the presence of (a) a solid catalyst ingredient obtained by bringing titanium tetrachloride and a magnesium compound into contact with a dialkyl phthalate,

(b) an organometallic compound and (c) an organosilicon compound having Si-O-C bond, (B) the organometallic compound and (C) an organosilicon compound represented by general formula (1)

(R1 denotes a 3-12C alicyclic hydrocarbon; R2 denotes a 3-20C branched hydrocarbon; and R3 denote a 1-20C hydrocarbon).



LEGAL STATUS

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